PhD applications shortlisting criteria of Mechanical Engg., IIT Ropar for Sem-II, AY21-22:

<u>Cat.</u>	Regular	ERP	Direct	Part-time
Gen/	Master's (Engg/Tech)	Master's (Engg/Tech.): 65% or 7 CGPA+2	CFTI:	Master's (Engg/Tech.): 65% or 7
OBC	QPI cutoff for MD^ =70 for MF/TF=80	years experience of R&D work	Studying in BTech/BE final	CGPA+2 years experience of
	Or	Or	year+8 CGPA	R&D work
	Master's (Sciences)	Master's (Science): 65% or 7 CGPA and	Or	Or
	QPI cutoff 70+valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MD^	valid score in GATE/UGC/CSIR/ NET/NBHM	Non-CFTI:	Master's (Science): 65% or 7
	candidates	or equivalent + 2 years experience of R&D	Studying in BTech/BE final year+8 CGPA	CGPA and valid score in
	cutoff 80 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MF/TF	work	and valid	GATE/UGC/CSIR/ NET/NBHM or
	candidates	Or	GATE score	equivalent + 2 years experience
	Or .	BTech/BE: 65% or 7CGPA+		of R&D work
	Bachelor's(Engg/Tech)	4 years experience of R&D work		Or
	QPI cutoff: MD^ =70 MF/TF=80 + valid GATE score			BTech/BE: 65% or 7CGPA+
	- GATE is not required for IIT BTech candidates with 8 CGPA.			4 years experience of R&D
				work
SC/	Master's (Engg/Tech)	Master's (Engg/Tech.): 60% or 6.5 CGPA+2	CFTI:	Master's (Engg/Tech.): 60% or
ST	QPI cutoff for MD =65 for MF/TF=75	years experience of R&D work	Studying in BTech/BE final year+8 CGPA	6.5 CGPA+2 years experience of
	Master's (Science)			R&D work
	Master 5 (Science)	Or	Or	Or
	QPI cutoff 65 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MD^	Master's (Science): 60% or 6.5 CGPA and	Non-CFTI:	Master's (Science): 60% or 6.5
	candidates	valid score in GATE/UGC/CSIR/ NET/NBHM	Studying in BTech/BE final year+8 CGPA	CGPA and valid score in
	cutoff 75 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MF/TF candidates	or equivalent + 2 years	and valid	GATE/UGC/CSIR/ NET/NBHM or
		experience of R&D work	GATE score	equivalent + 2 years
				experience of R&D work
	Bachelor's(Engg/Tech)	Or		Or
	QPI cutoff: MD^ =65 MF/TF=75 + valid GATE score	BTech/BE: 60% or 6.5 CGPA +4 years		BTech/BE: 60% or 6.5 CGPA +4
		experience only in R&D work		years experience only in R&D
				work

- QPI (Quantitative Performance Index) = 0.9 x % of Marks @ Qualifying Degree + 10 x IW (Institute Weightage)

- Equivalent percentage of Marks corresponding to CGPA/CPI = (CGPA/CPI) * 65/7

- IW = 1 (For CFTI Institutes or Top 25 NIRF Engineering Rank Institutes), IW = 0 (For Non-CFTI Institutes or More than 25 NIRF Engineering Rank Institutes)

- MD = Mechanics & Design, MF = Manufacturing Engineering, TF = Thermal & Fluids

- MD[^] = The cutoff is lower for this specialization considering the advertised project funded seats.

- The percentage of MTech from foreign universities is considered equivalent to QPI.